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1 agactataca ggaattggga ctttctggga gcatctctct cagcgctggg aggggtaccct  
61 aaggatgagg agagactaaa tgggggtttt cctgctgagc caggccatgc tgactgcaat  
121 gttgctgagt tgtgttctgc tgttggcact gcctcccaca ctgggggtcc agatgggcgt  
181 ggctccactg aagggcata gaaggcctga ccaggctctg ttcccagagt tcccaggatga  
241 gtatggtcag gttggggata tgtggggcaa cgaccattgc tggccacaga cctgcccgcc  
301 caggcttaga cctccttccc caatcccaat cccaacctag ggagggtgggt acttggtgca  
361 tgggtgggtgt ggccctcaca tcttcttgcc ccagggtctaa gtctgaatgg cctcaagaag  
421 acaactgcag accgagcaga agaagtctg ctgcagaagg cagaagcttt ggcggaggta  
481 actcattagg gaaagggata aagtagaagg tagggcgcat cagataccat catctctccc  
541 cacttccgga ttaccaacc tgggcagaac tgcagccctt ccctgacctc agtccactgc  
601 caccctactg gggtcggggg ttgagagttt cctgaacctt attcccctac gaatgcaggt  
661 gctagatcca cagaaccgag agtctcgttc tccgcgtcgc tgtgtaaggc tgcacgagtc  
721 ctgcttggga cagcaggtag cttgctgcga cccgtgcgct acgtgctact gccgcttctt  
781 caatgccttt tgctactgcc gcaagctggg taccgccacg aacctctgta gtcgcaccta  
841 gccaatggat gttgtttggg aaaggcaggg gatgagaata aaggatcggg acggtttaac  
901 cttaaagctg tggttatttc ttt

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MLTAMLLSCVLLLALPPTLGVMGVAPLKGIRRPDQALFPEFFGLSLNGLKKTADRAEEVLLQK  
AEALAEVLDPQNRRESRSPRRCVRLHESCLGQVPCCDPCATCYCRFFNAFCYCRKLGATNLCSR  
T

FIG. 2

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1 gccatgctga ccgcagcggg gctgagctgt gccctgctgc tggcactgcc tgccacgcga  
61 ggagcccaga tgggcttggc ccccatggag ggcacagaa ggcctgacca ggcctgctc  
121 ccagagctcc caggcctggg cctgcggggc cactgaaga agacaactgc agaacaggca  
181 gaagaggatc tggtgcagga ggctcaggcc ttggcagagg tactagacct gcaggaccgc  
241 gagccccgct cctcacgtcg ctgcgtaagg ctgcatgagt cctgcctggg acagcaggtg  
301 ccttgctgtg acccatgtgc cacgtgctac tgccgcttct tcaatgcctt ctgctactgc  
361 cgcaagctgg gtactgcat gaatccctgc agccgcacct agctggccaa cgtcagggtc

FIG. 3

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MLTAAVLSCALLLALPATRGAQMGLAPMEGIRRPDQALLPELPGLGLRAPLKTTAEQAEEDLLQ  
EAQALAEVLDLQDREPRSSRRCVRLHESCLGQQVPCCDFCATCYCRFFNAFCYCRKLGTAMNPCS  
RT

FIG. 4

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1 atgctaggta acaagcgaat ggggctgtgt ggactgaccc tcgctctatc tctgctcgtg  
61 tgttttgggca ttctggctga ggggtacccc tccaagccgg acaatccggg cgaggacgcg  
121 ccagcagagg acatggccag atactactcc gctctgcgac actacatcaa tctcatcacc  
181 agacagagat atggcaagag atccagccct gagacactga tttcagacct cttaatgaag  
241 gaaagcacag aaaacgcccc cagaacaagg cttgaagacc cttccatgtg gtgatgggaa  
301 atgaaacttg ttctcccgcac ttttccaagt ttccaccctc atctcatctc atccatcccc  
361 tgaaaccagt ctgcctgtcc caccaatgca tgccaccact aggctggact ccgccccatt  
421 tcccttggtg ttgttgata tatgtgtgtt taaataaagt accatgcatt caaaaaaaaa  
481 aaa

FIG. 5

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MLGNKRMGLCGLTLALSLLVCLGILAEGYPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRYG  
KRSSPETLISDLLMKESTENAPRTRLEDPSMW

FIG. 6

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1 atgctaggta acaagcgact ggggctgtcc ggactgaccc tcgccctgtc cctgctcgtg  
61 tgcctgggtg cgctggccga ggcgtacccc tccaagccgg acaacccggg cgaggacgca  
121 ccagcggagg acatggccag atactactcg gcgctgacgac actacatcaa cctcatcacc  
181 aggcagagat atggaaaacg atccagccca gagacactga tttcagacct cttgatgaga  
241 gaaagcacag aaaatgttcc cagaactcgg cttgaagacc ctgcaatgtg gtgatgggaa  
301 atgagacttg ctctctggcc ttttcctatt ttcagcccat atttcatcgt gtaaaacgag  
361 aatccaccca tcctaccaat gcatgcagcc actgtgctga attc

FIG. 7

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MLGNKRLGLSGLTLALSLLVCLGALAEAYPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRYG  
KRSSPETLISDLLMRESTENVPRTTRLEDPAW



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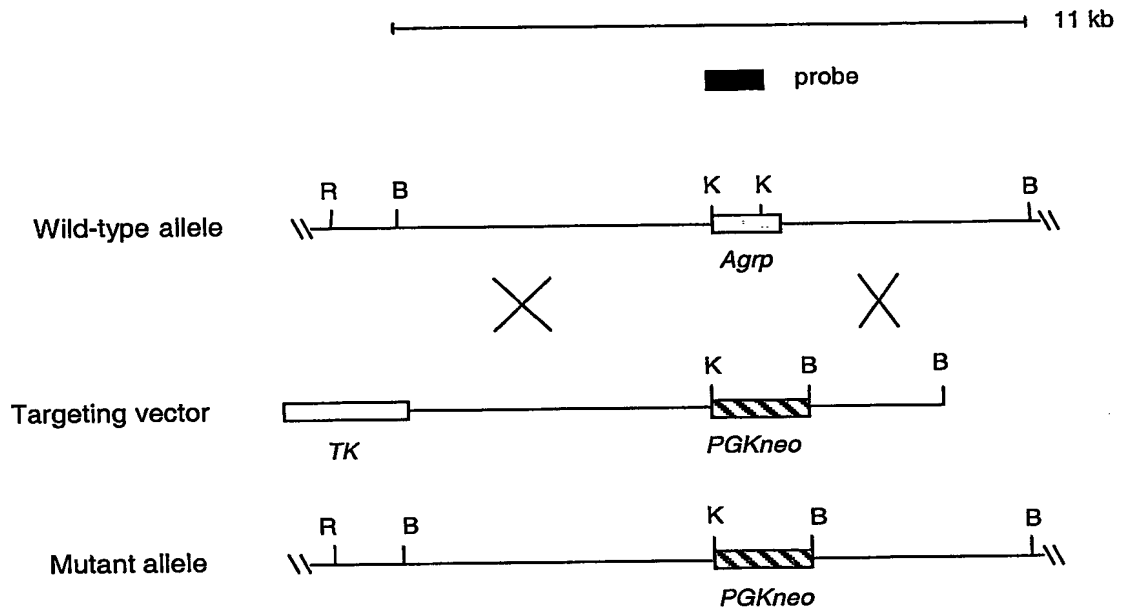


FIG. 9

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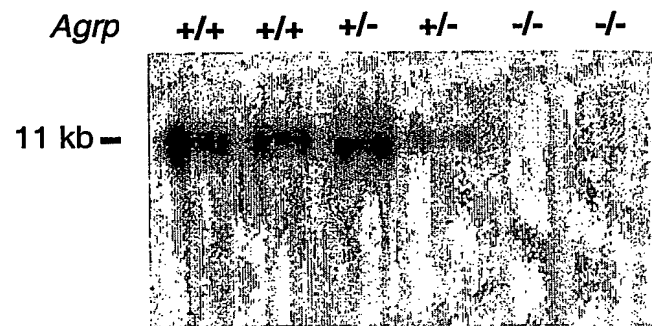


FIG. 10

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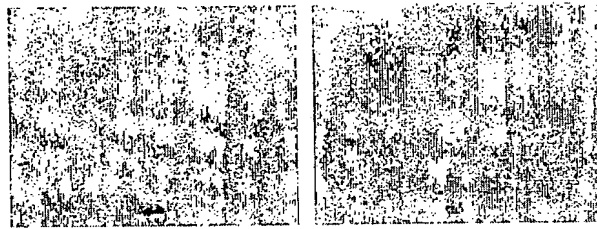
 $+/+$   
A $-/-$   
B

FIG. 11

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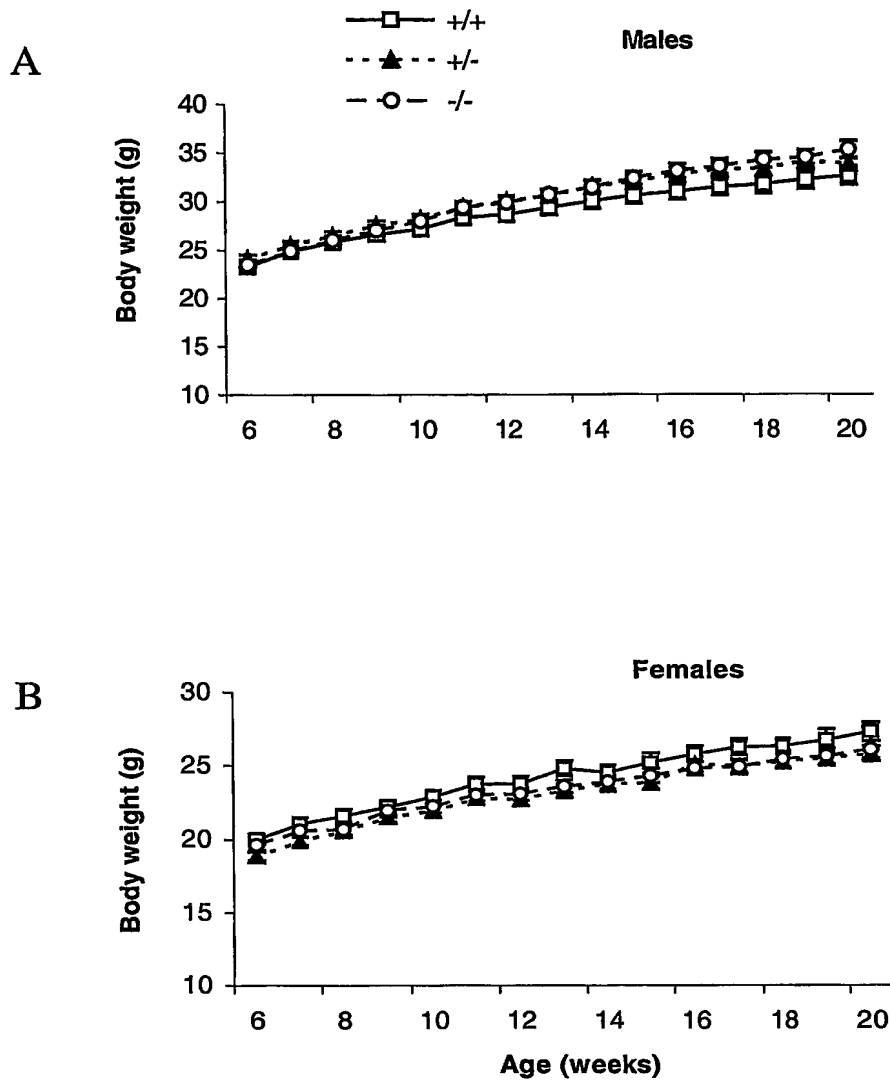


FIG. 12

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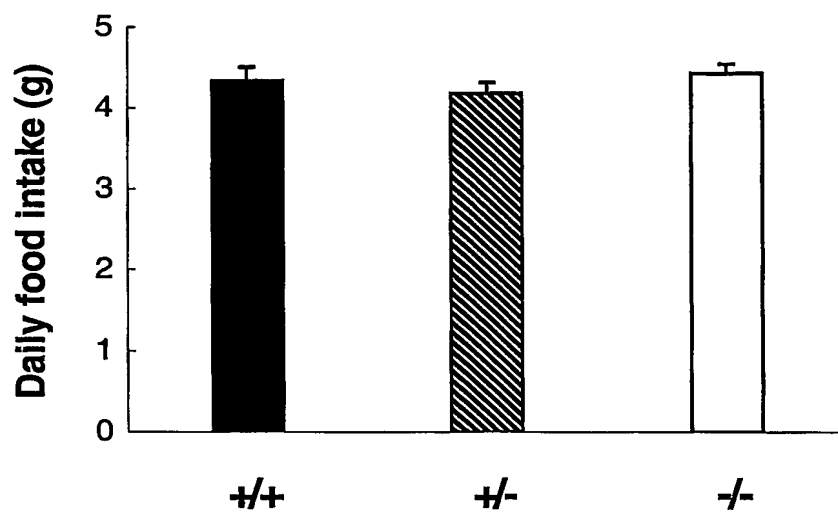


FIG. 13

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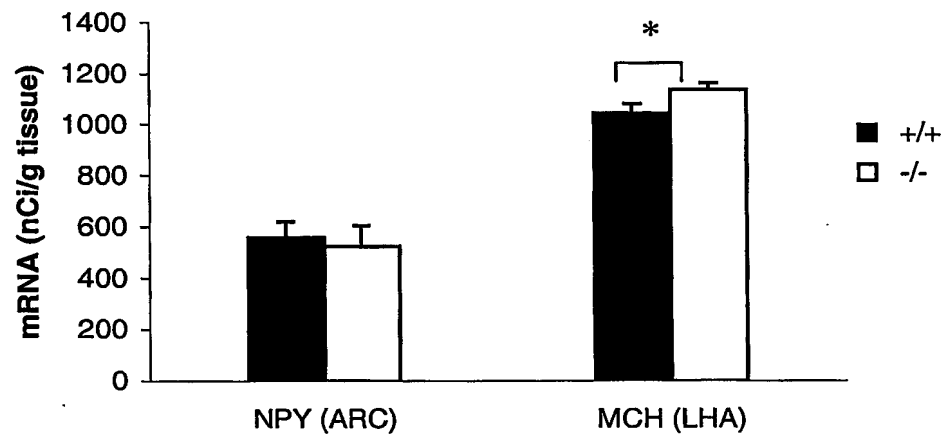


FIG. 14

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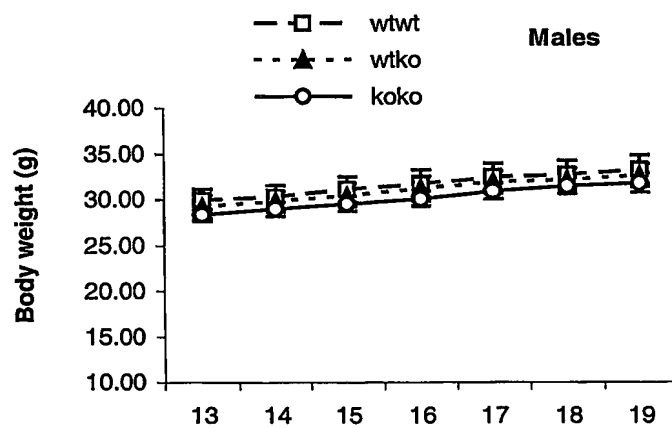
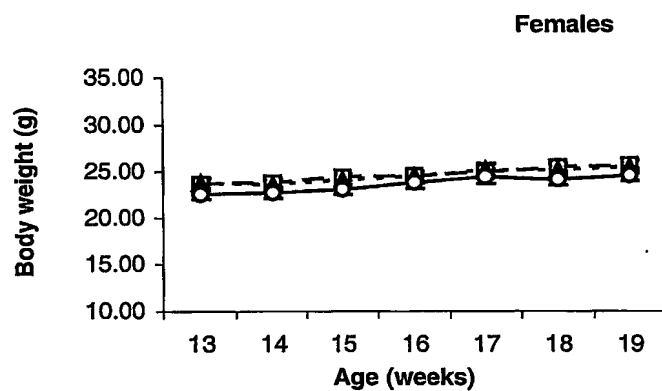
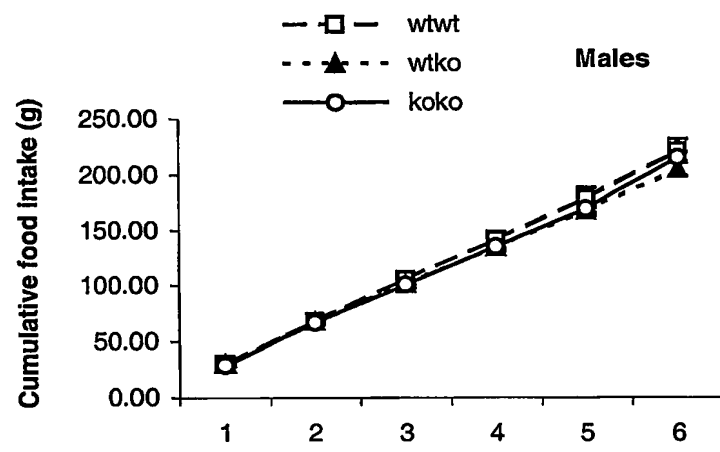
**A****B**

FIG. 15

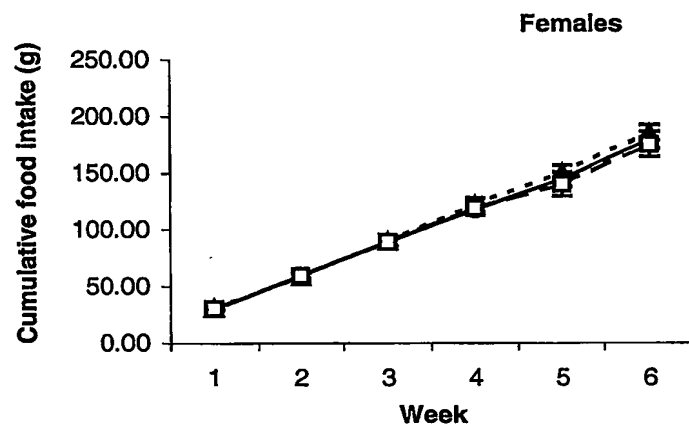
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**A**



**B**

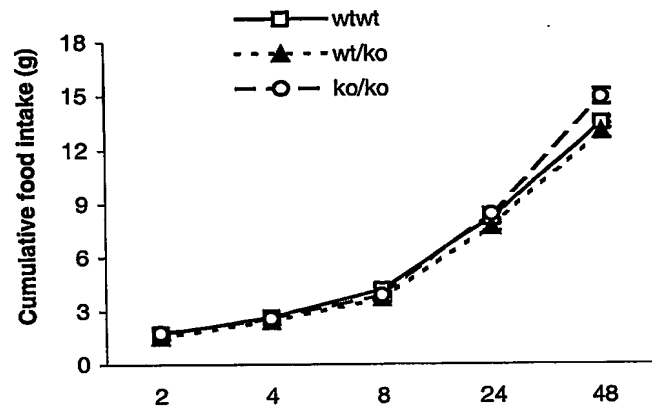


**FIG. 16**

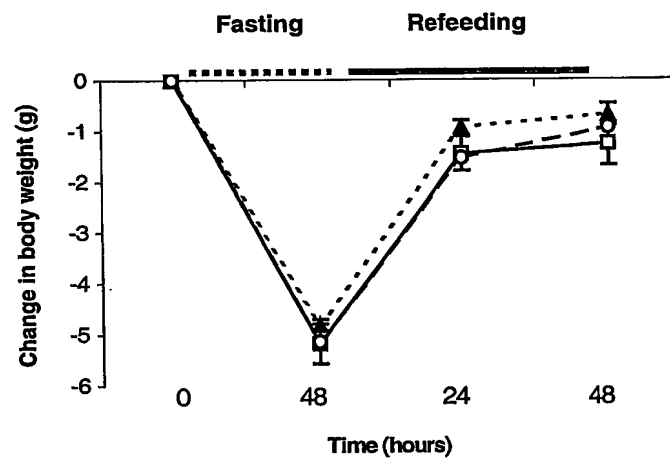


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**A**



**B**



**FIG. 17**

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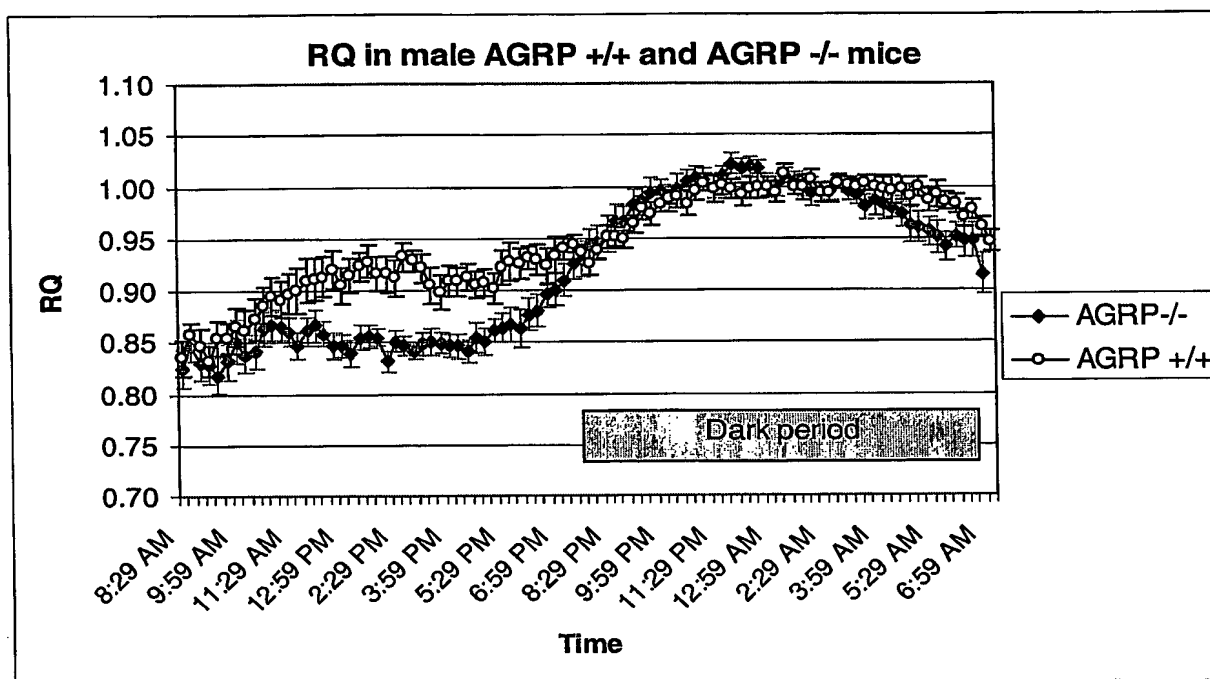


FIG. 18

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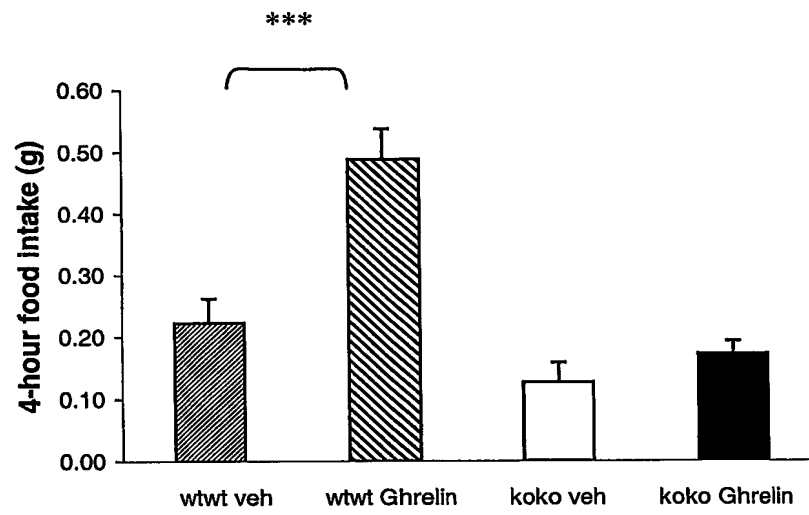


FIG. 19

FIG. 20

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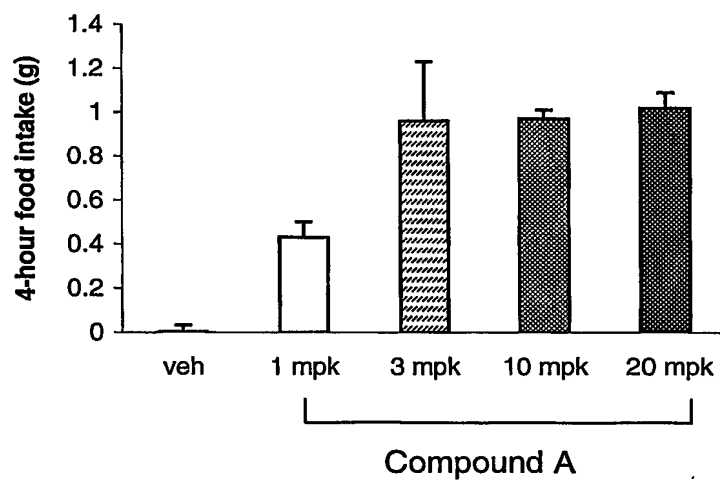
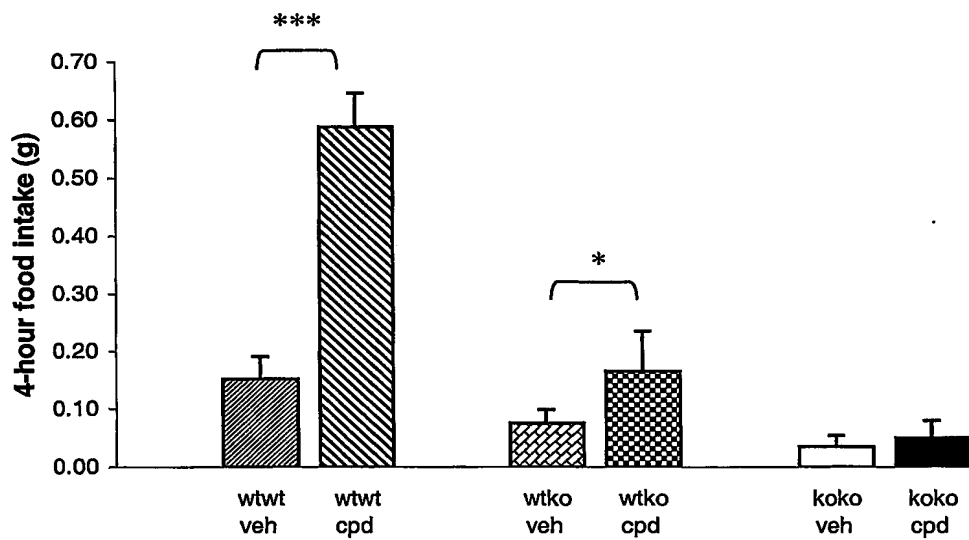


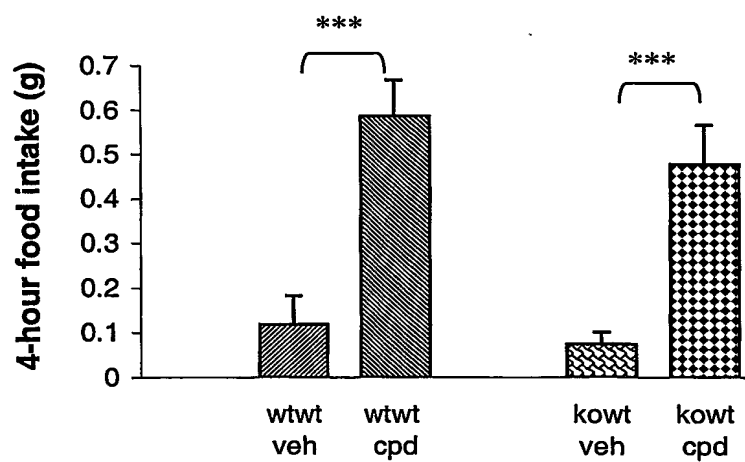
FIG. 21

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**A**



**B**



**FIG. 22**

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